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STATISTICAL BULLETIN

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VOL. XXX, No. 11 NOVEMBER, 1982

SUMMARY OF MONTHLY ACTIVITIES

Production of crude oil and condensate from oil and gas areas of Montana for the month of November, 1982 averaged 83,939 barrels daily, an increase of 564 barrels from the average 83,375 production in October, 1982.

During November, 1982 the board issued 52 permits to drill new wells, a decrease of 5 from the 57 permits issued during October, 1982.

The six refineries in the state processed a total of 4,012,457 barrels of crude oil during the month of November, 1982 for a daily average of 133,749 barrels resulting in an increase of 6,450 from the 127,299 processed daily during the month of October, 1982. A total of 1,748,734 barrels were exported from Montana during November, 1982.

During November, 1982, 66 wells were completed, 20 oil, 8 gas, and 38 dry holes.

OIL PRODUCERS REPORT — MONTH OF NOVEMBER, 1982

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Alkali Coulee	Red River	1	304	345	600	319
Andes	Red River	1	120	466	384	80
Anvil	Nisku	1	4,086	4,254	12,341	1,504
Anvil	Ratcliffe	1	741	995	260	3,480
Anvil	Red River	6	20,703	20,424	6,404	16,349
Anvil, North	Ratcliffe	1	115	352	4,200	—
Arch Apex	Sunburst	5	395	—	—	—
Ash Creek	Shannon	3	565	576	2,850	—
Autumn	Mission Canyon	1	2,120	1,965	50,844	—
Bainville, North	Ratcliffe	1	720	703	100	549
Bainville, North	Red River	7	10,230	10,134	5,193	9,881
Bainville, North	Winnipegosis	1	3,432	3,041	215	4,182
Bainville, West	Red River	4	2,040	1,935	3,579	2,336
Bainville II	Red River	1	1,691	1,745	452	390
Bannatyne	Swift	16	2,202	2,165	—	—
Bears Den	Swift	7	568	621	—	—
Bell Creek (Non-unit)	Muddy	12	2,733	2,123	6,252	202
Bell Creek (Unit "A" Secondary Recovery)	Muddy	68	113,985	111,726	1,123,602	—
Bell Creek (Unit "A" Tertiary Recovery)	Muddy	28	20,193	20,328	607,452	—
Bell Creek (Unit "B")	Muddy	20	21,553	21,775	396,263	—
Bell Creek (Unit "C")	Muddy	15	10,386	10,461	159,499	—
Bell Creek (Unit "D")	Muddy	19	36,115	36,109	132,376	—
Bell Creek (Unit "E")	Muddy	24	19,101	18,803	137,259	—
Bell Creek (Ranch Creek Unit)	Muddy	16	4,622	4,697	120,968	—
Benrud, East	Nisku	3	4,297	4,522	33,173	1,159
Benrud, Northeast	Nisku	1	860	1,509	9,890	364
Berthelote	Sunburst	1	28	—	—	30
Big Gully	Tyler	2	186	169	—	—
Big Gully, North	Tyler	1	112	187	183	—
Big Muddy Creek	Mission Canyon	2	1,149	1,204	3,060	600
Big Muddy Creek	Red River	3	4,267	4,687	5,939	4,859
Big Rock	Blackleaf	9	80	—	—	—
Big Wall	Amsden	2	600	600	40,000	—
Big Wall (Non-unit)	Tyler	4	1,000	1,000	60,000	—
Big Wall (Tyler "B" Unit)	Tyler	5	1,000	1,000	90,000	—
Black Diamond	Red River	2	1,953	2,214	2,614	—
Blackfoot	Greenhorn, Cut Bank, Madison	8	2,575	2,903	6,716	—
Blue Hill	Red River	2	744	1,490	3,963	681
Border (Non-unit)	Sunburst	4	347	386	—	—
Border (Old Border Unit)	Sunburst	4	280	208	10,830	—
Boulder	Red River	1	436	433	1,572	273
Bowes (Sawtooth Unit)	Sawtooth	50	7,000	7,000	—	—
Box Canyon	Red River	2	1,269	624	4,211	—
Bradley	Madison, Sunburst	2	376	392	1	—
Brady	Sunburst	10	1,286	841	—	—
Bredette	Charles	1	291	138	1,786	—
Breed Creek	Tyler	4	2,096	2,117	250	—
Brorson	Madison	7	3,271	2,617	3,233	2,035
Brorson	Red River	3	4,429	3,722	1,865	4,822
Brorson, South	Madison	1	489	344	—	—
Brorson, South	Red River	3	5,427	4,800	2,438	4,730
Brush Lake	Red River	5	7,637	8,017	10,303	5,462
Burget	Red River	1	200	200	3,000	200
Burget, East	Nisku	1	42	—	1,148	—
Burget, East	Madison	3	1,152	1,301	7,201	300
Burget, East	Red River	2	808	1,108	804	200
Burns Creek	Red River	2	488	360	1,248	492
Burns Creek, South	Red River	1	1,211	1,397	7,648	1,863
Cabin Creek (Unit #2)	Madison	8	8,029	8,029	385,183	2,622
Cabin Creek (Unit #1)	Siluro-Ord	70	110,161	110,161	342,582	38,909
Canal	Madison	3	5,612	5,380	2,333	3,143
Canal	Red River	1	1,526	818	444	1,912
Cannonball	Red River	1	763	820	1,200	390
Carlyle	Red River	2	2,413	2,576	13,774	153
Cat Creek	Amsden	2	107	261	3,900	—
Cat Creek (Non-unit)	Cret./Jur.	16	1,008	776	22,637	—
Cat Creek (East Dome)	Swift	11	1,144	1,231	3,901	—
Cat Creek (Unit #1)	1st & 2nd Cat	19	2,775	2,747	64,902	—
Cat Creek (Unit #2)	2nd Cat	10	713	715	30,450	—
Cat Creek (Mosby Dome)	Swift	8	712	711	21,941	—
Charlie Creek	Nisku, Duperow	2	2,418	2,709	3,038	709
Charlie Creek, East	Red River	3	3,482	3,179	4,231	2,352
Charlie Creek, North	Nisku	2	401	434	8,034	259
Clark's Fork	Frontier	1	30	—	—	2,255
Clear Lake	Madison	2	2,066	2,390	5,678	1,528
Clear Lake	Nisku	2	742	749	1,335	726
Clear Lake	Red River	7	12,929	12,766	14,109	11,585

OIL PRODUCERS REPORT — MONTH OF NOVEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Colored Canyon	Red River	6	6,613	5,770	7,394	8,997
Comertown	Ratcliffe	1	1,004	812	2,598	180
Comertown	Red River	5	19,268	20,623	5,332	4,534
Conrad, South	Dakota	2	214	214	—	—
Cow Creek	Charles	1	351	238	2,319	—
Cow Creek, East	Kibbey	11	5,563	5,180	52,678	—
Crane	Devonian	4	19,316	19,005	75	19,501
Crane	Red River	1	971	970	1,201	—
Crane, North	Red River	1	671	691	1,285	1,072
Culbertson	Red River	1	313	440	2,140	157
Cupton	Red River	8	8,813	8,877	19,552	3,240
Cut Bank (Non-unit)	Cut Bank	117	24,083	22,224	19,928	226,629
Cut Bank (Non-unit)	Madison	49	13,024	11,926	180,657	2,315
Cut Bank (Humble-Landers S.U.)	Cut Bank	1	90	90	1,859	—
Cut Bank (Marena West C.B.S.U.)	Cut Bank	1	33	—	—	—
Cut Bank (North Central C.B.S.U.)	Cut Bank	86	6,319	5,644	1,967	—
Cut Bank (North East C.B.S.U.)	Cut Bank	50	2,000	2,000	—	—
Cut Bank (North West C.B.S.U.)	Cut Bank	14	809	809	2,791	—
Cut Bank (South Central C.B.S.U.)	Cut Bank	85	17,481	17,646	72,135	—
Cut Bank (South East C.B.S.U.)	Cut Bank	50	3,000	3,000	—	—
Cut Bank (South West C.B.S.U.)	Cut Bank	185	17,181	17,171	265,464	—
Cut Bank (Tesoro CBSU)	Cut Bank	23	1,833	1,841	21,741	303
Cut Bank (Tweedy South C.B.S.U.)	Cut Bank	6	904	972	4,830	—
Cut Bank (Two Medicine C.B.S.U.)	Cut Bank	79	10,521	10,521	159,198	—
Dagmar	Red River	4	4,275	3,920	6,883	5,161
Dagmar, North	Red River	1	309	459	1,904	215
Darling (Non-unit)	Moulton	9	1,533	1,550	—	—
Darling (South Darling S.U.)	Moulton	1	54	—	—	—
Deadman's Coulee	Nisku	4	5,802	6,024	64,258	—
Dean Dome	Greybull	2	751	690	52	—
Deer Creek	Interlake	1	200	200	1,000	—
Delphia	Amsden	2	362	—	—	—
Devils Basin	Heath	3	88	—	165	—
Diamond Point	Red River	1	3,410	3,772	4,810	3,370
Divide	Mission Canyon	13	24,881	26,516	52,350	12,452
Dry Creek	Frontier	1	414	322	46	—
Dry Creek	Greybull	1	1,018	1,033	—	8,326
Dry Creek	Virgelle	5	304	571	12	8,250
Dugout Creek	Red River	1	1,380	1,173	2,586	1,891
Dwyer (Non-unit)	Ratcliffe	1	663	—	9,216	235
Dwyer (Unit)	Ratcliffe	9	9,130	8,783	2,902	2,010
Dwyer	Red River	1	5,508	5,148	138	2,708
Eagle	Madison	27	14,471	14,188	37,646	7,966
Eagle	Red River	1	2,180	1,981	74	1,494
Elk Basin	Big Horn	—	—	—	45,552	—
Elk Basin	Frontier	13	574	574	15,382	—
Elk Basin	Madison	26	30,286	30,335	419,980	13,255
Elk Basin	Tensleep	18	22,709	22,367	27,522	36,271
Elk Basin, Northwest	Tensleep	4	599	599	13,552	—
Enid, North	Bakken	1	1,699	2,048	4	3,057
Enid, North	Red River	2	4,608	4,731	5,561	2,783
Epworth	Red River	1	784	303	2,189	1,102
Fairview	Madison	5	3,788	3,853	4,812	2,097
Fairview (Non-unit)	Red River	5	11,226	10,026	9,146	15,526
Fairview (Northwest Unit)	Red River	4	11,672	9,173	1,844	21,247
Fairview, East	Red River	2	8,419	7,970	7,177	6,909
Fairview, West	Ratcliffe	1	2,057	2,285	44	815
Fertile Prairie	Red River	4	3,013	3,060	1,150	861
Fiddler Creek	Greybull	1	7	—	—	—
Fishhook	Red River	2	4,752	5,246	2,552	10,034
Flat Coulee (Non-unit)	Swift	4	258	241	—	—
Flat Coulee (Swift S.U.)	Swift	16	14,327	14,310	8,538	—
Flat Lake (Non-unit)	Ratcliffe	6	5,409	6,090	9,616	1,156
Flat Lake (Flat Lake Unit)	Ratcliffe	35	23,658	23,636	141,412	5,613
Flat Lake (West Flat Lake Unit)	Ratcliffe	11	6,599	6,599	21,009	1,953
Flat Lake, South	Ratcliffe	6	4,765	4,766	14,558	160
Flaxville	Madison	3	4,571	4,239	7,585	557
Fort Gilbert	Madison	14	11,136	10,137	29,169	6,776
Fort Gilbert	Red River	3	2,734	2,872	7,533	1,772
Four Mile Creek	Red River	1	1,490	1,751	595	1,222
Four Mile Creek, West	Red River	2	2,699	2,647	2,258	1,575
Fox Creek	Mission Canyon	1	1,095	915	2,132	811
Fox Creek	Red River	1	759	744	1,583	721
Fox Creek, North	Silurian	1	582	468	1,218	—
Frannie	Tensleep	1	600	600	28,992	—
Fred & George (Non-unit)	Sunburst	21	2,811	2,364	430	—

OIL PRODUCERS REPORT — MONTH OF NOVEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Fred & George ("A" S.U.)	Sunburst	15	11,610	11,725	272,591	—
Frog Coulee	Red River	1	1,556	1,256	492	303
Froid, South	Ratcliffe	1	594	786	4,634	475
Froid, South	Red River	1	200	200	1,000	100
Gage	Amsden	4	684	837	94	—
Gas City (Non-unit)	Red River	2	1,181	1,162	2,594	78
Gas City (Gas City Wtrfld)	Red River	7	8,657	12,252	38,797	442
Girard	Interlake, Red River	1	347	400	310	—
Glacier, East	Greenhorn Shale	1	201	654	—	—
Glendive	Stony Mountain	14	9,077	9,700	49,942	872
Golden Dome	Greybull	1	122	—	7	—
Goose Lake (Non-unit)	Ratcliffe	13	10,223	10,650	104,534	3,617
Goose Lake (N. Goose Lake Unit)	Ratcliffe	20	8,471	8,643	151,471	2,312
Goose Lake	Red River	1	852	1,065	1,895	683
Goose Lake, East	Ratcliffe	—	—	60	—	—
Goose Lake, West	Red River	2	7,881	8,569	9,879	3,113
Gossett	Mission Canyon	2	727	470	3,341	537
Graben Coulee	Madison, Swift, C.B.	74	6,924	6,451	9,905	—
Grandview, East	Swift	2	326	213	—	—
Green Coulee	Red River	2	2,395	2,586	5,044	—
Gumbo Ridge	Tyler	4	4,811	4,569	20,793	213
Gunsight	Ratcliffe	2	800	800	8,000	—
Gypsy Basin	Sawtooth, Sunburst, Swift, Madison	5	1,903	2,190	—	2,521
Hardpan	Swift	1	17	98	45	—
Hawk Haven	Mission Canyon	1	164	—	540	—
Hay Creek	Mission Canyon	2	941	1,020	1,839	—
Hay Creek	Red River, Interlake	2	4,261	4,386	6,899	3,354
Hiawatha	Tyler	3	1,594	1,640	4,160	68
Hibbard	Amsden	2	1,614	1,888	26,363	—
High Five	Tyler	14	11,979	11,236	36,953	488
Highview	Madison	4	337	202	—	551
Honker	Red River	1	1,143	1,378	3,667	1,319
Horse Creek	Swift	1	102	123	5	—
Howard Coulee	Tyler	1	570	805	—	—
Injun Creek	Tyler, Stensvad	2	7,054	6,935	—	—
Intake II	Red River	2	6,000	6,000	500	—
Ivanhoe	Tyler	8	727	500	2,590	—
Jim Coulee (Jim Coulee Unit)	Tyler	12	7,844	8,322	70,466	628
Jim Coulee, North	Tyler	1	691	611	2,764	41
Katy Lake, North	Mission Canyon	3	8,555	8,752	17,562	4,008
Katy Lake, North	Red River	5	25,213	25,027	7,648	18,804
Keg Coulee (Non-unit)	Tyler	6	3,802	1,718	405	115
Keg Coulee (Tyler "C" S.U.)	Tyler	7	987	1,428	449	—
Keg Coulee, North	Tyler	3	1,666	1,676	3,683	—
Kelley (Tyler S.U.)	Tyler	2	376	417	8,100	50
Kevin Sunburst (Non-unit)	Sawtooth, Madison, Sunburst	860	55,012	54,548	99,801	25
Kevin Sunburst (Homestake S.U.)	Sunburst	23	4,877	5,184	32,349	—
Kevin Sunburst (Texaco Unit)	Sunburst	8	200	200	1,000	—
Kicking Horse	Sunburst	1	11	—	—	—
Kincheloe Ranch, West	Tyler	4	5,399	7,302	—	1,502
Krug Creek	Red River	1	145	384	1,450	105
Laird Creek (Laird Creek Unit)	Swift	5	686	936	1,277	90
Lambert	Red River	3	9,684	10,096	4,160	8,301
Lambert, North	Red River	1	589	418	937	—
Landslide Butte	Sun River	2	151	413	778	—
Lariat	Red River	—	—	222	—	—
Leary	Muddy	3	2,874	2,880	8,547	212
Little Beaver (Non-unit)	Red River	1	398	398	266	—
Little Beaver (Cedar Ck Anticline)	Red River	24	31,608	31,608	75,045	1,988
Little Beaver, East	Red River	9	9,834	8,810	41,860	907
Little Phantom	Sunburst	1	466	355	—	—
Little Wall Creek	Tyler	25	26,387	26,786	12,345	3,798
Lodge Grass	Tensleep	1	492	306	27	—
Lone Butte	Red River	2	829	780	1,916	1,967
Lone Rider	Duperow	1	362	339	782	1,593
Lonetree Creek	Red River	9	12,249	10,943	5,693	15,065
Lonetree Creek, West	Red River	1	1,202	1,054	7,473	—
Long Creek	Charles	1	402	457	114	—
Long Creek, West	Nisku	2	5,280	5,622	14,520	—
Lookout Butte (Shell Wtrfld)	Mission Canyon	3	2,571	2,571	8,748	478
Lookout Butte (Coral Creek Unit)	Lodgepole, Red River	26	31,843	31,843	91,254	6,597
Lookout Butte (Non-unit)	Red River	3	7,391	7,396	18,154	941
Lowell	Red River	4	3,074	3,240	4,930	1,904
Lustre	Madison	12	29,955	24,418	40,517	—
Mackay Dome	Greybull	4	1,385	753	778	—
Malcolm Creek	Mission Canyon	1	200	200	10,000	—

OIL PRODUCERS REPORT — MONTH OF NOVEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Mason Lake	Dakota	14	5,234	5,031	6,963	2,959
Mason Lake, North	Amsden	1	152	190	76	—
McCabe	Ratcliffe	3	1,888	1,318	1,116	1,777
McCabe, East	Winnipegosis	—	—	105	—	—
McCabe, South	Nisku, Red River	1	703	723	2,866	—
Meander	Sunburst	—	—	359	—	—
Medicine Lake	Red River	10	21,944	22,812	25,965	23,952
Melstone	Tyler	12	14,528	14,313	4,266	3,412
Midby	Red River	1	1,370	1,680	3,690	2,877
Miners' Coulee	Sunburst	3	169	—	—	—
Missouri Breaks	Red River	1	14,604	14,757	234	15,468
Mon Dak West	Duperow	1	1,142	1,212	1,911	711
Mon Dak West	Madison	26	28,327	28,693	39,865	19,783
Mon Dak West	Red River	7	26,554	28,064	6,993	22,760
Mona	Red River	1	2,037	2,039	18	4,582
Monarch (Non-unit)	Madison	2	350	350	23,167	—
Monarch (Non-unit)	Siluro-Ord.	8	6,661	5,451	8,588	317
Monarch (Monarch Unit)	Siluro-Ord.	5	4,428	3,967	2,195	138
Mosser Dome	Kootenai	11	500	500	—	—
Mustang	Red River	3	5,796	4,717	2,819	4,883
Nohly	Red River	2	4,851	5,465	1,040	4,895
North Fork	Madison	3	3,370	2,961	6,741	4,066
North Fork	Red River	1	(695)	(244)	39	424
Ollie	Duperow	1	1,326	1,816	2,910	1,180
Ollie	Red River	1	1,470	1,328	5,635	505
Otis Creek	Red River	1	2,430	1,781	529	2,348
Otis Creek, South	Red River	2	3,503	3,312	2,658	3,163
Otter Creek	Red River	1	509	—	4,950	641
Outlook	Duperow	1	3,726	3,690	70,266	2,682
Outlook	Red River	3	4,193	4,146	164,153	3,874
Outlook	Winnipegosis	2	1,230	1,220	80,337	343
Outlook, South	Winnipegosis	1	502	—	21,439	—
Outlook, West	Winnipegosis	2	862	1,577	7,213	49
Oxbow	Red River	1	1,201	1,169	195	1,684
Palomino	Nisku	2	13,479	13,698	38,973	584
Pasture	Interlake	1	197	211	1,071	—
Pasture Creek	Red River	1	1,549	1,153	214	3,132
Pelican	Red River	1	1,157	1,410	247	861
Pennel	Mission Canyon	138	254,600	254,600	319,976	44,652
Pete Creek	Sunburst	1	141	—	—	—
Phantom	Sunburst	2	142	—	—	—
Pine (Non-unit)	Red River	2	1,583	1,402	5,005	160
Pine ("A" Unit)	Madison	1	43	—	42,957	—
Pine (A & E Units)	Red River	78	150,998	151,006	693,381	27,460
Pine ("C" Unit)	Red River	15	10,712	10,704	39,738	899
Plentywood	Red River	1	374	717	516	282
Pondera	Sun River	330	41,996	41,179	163,850	—
Pondera Coulee	Sun River	1	89	—	200	30
Poplar, East	Charles	50	21,124	20,542	612,723	—
Poplar, East	Heath	1	412	425	9,888	—
Poplar, East	Nisku	1	287	287	36,533	—
Poplar, Northwest	Madison	20	8,353	7,847	96,894	1,200
Poplar, Southeast	Charles	1	210	—	32,200	—
Prairie Elk	Charles	1	677	539	1,750	—
Prichard Creek	Sunburst	5	625	—	—	125
Putnam	Interlake	1	1,356	1,356	11,529	2,325
Putnam	Mission Canyon	5	4,064	3,745	3,022	2,165
Putnam	Red River	9	15,567	14,092	18,860	15,046
Rabbit Hills	Sawtooth	5	5,839	5,469	6,774	—
Ragged Point (Non-unit)	Tyler	9	1,446	1,491	52,221	—
Ragged Point (Tyler "A" Unit)	Tyler	8	1,278	916	29,691	—
Rattler Butte	Tyler	4	23,736	23,650	496	9,051
Rattlesnake Coulee	Sunburst	2	89	196	84	—
Raymond	Mississippian	10	5,924	6,046	57,967	3,518
Raymond (Raymond Nisku Unit)	Nisku	1	1,059	1,054	5,958	168
Raymond	Red River	2	3,561	3,522	3,604	1,446
Raymond	Winnipegosis	2	7,039	6,730	848	966
Raymond, North	Red River	1	782	699	9,780	—
Raymond, Northeast	Nisku	1	136	—	3,929	34
Reagan	Madison	51	21,487	21,387	38,804	44,009
Red Bank	Madison	13	18,375	18,300	17,979	4,901
Red Bank	Red River	3	2,101	1,806	2,443	15,230
Red Bank, South	Red River	1	4,612	3,989	828	6,161
Red Creek	Cut Bank	8	2,290	2,290	27,644	621
Red Creek	Madison	13	4,942	4,928	134,365	1,348
Red Fox	Nisku	1	215	—	6,919	63
Redstone	Winnipegosis	1	503	731	1,316	205

OIL PRODUCERS REPORT — MONTH OF NOVEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Refuge	Red River	1	1,204	736	1,528	1,593
Repeat	Red River	1	776	776	8,000	—
Reserve	Red River	5	6,388	7,073	47,579	4,896
Richey	Charles	2	1,026	771	1,893	—
Richey	Mission Canyon	1	187	243	593	—
Richey, East	Charles	1	200	200	4,000	1,500
Richey, Southwest	Siluro-Ord.	2	458	442	3,277	387
Ridgelawn	Madison	27	24,207	24,714	31,047	13,502
Ridgelawn	Red River	5	25,809	26,818	2,814	26,458
RipRap Coulee	Ratcliffe	5	3,750	3,334	4,906	—
River Bend	Red River	1	1,812	1,150	47	—
Rocky Point	Red River	2	7,311	7,642	197	9,767
Roscoe Dome	Lakota	2	118	(200)	—	—
Rosebud	Tyler	5	941	1,515	5	118
Royals	Dawson Bay	1	2,707	2,707	256	—
Royals, South	Dawson Bay	1	166	216	700	—
Rush Mountain	Red River	1	1,304	1,173	895	767
Salt Lake	Nisku	3	1,219	1,292	968	—
Second Creek	Red River	4	4,241	3,464	6,039	11,944
Shotgun Creek	Red River	1	1,609	1,348	6,993	530
Shotgun Creek, North	Red River	1	401	814	4,163	481
Sidney	Mission Canyon	24	16,001	16,855	23,304	12,737
Sidney	Red River	2	3,755	3,638	4,148	4,338
Sidney, East	Madison	9	6,573	6,651	6,424	3,996
Singletree	Red River	1	195	465	312	879
Sioux Pass	Madison	1	1,012	1,743	722	1,196
Sioux Pass	Siluro-Ord.	8	13,719	12,847	3,951	10,639
Sioux Pass, East	Red River	2	522	494	2,411	274
Sioux Pass, Middle	Red River	6	8,897	9,220	1,554	4,985
Sioux Pass, North	Duperow	1	453	390	450	2,782
Sioux Pass, North	Madison	4	4,565	5,934	4,243	2,067
Sioux Pass, North	Nisku, Red River	14	27,194	25,372	6,942	21,244
Sioux Pass, South	Red River	1	3,556	3,414	2,027	367
Snyder	Tensleep	3	378	568	6,975	—
Soap Creek	Tensleep	33	4,581	4,851	132,900	—
Soap Creek, East	Tensleep	3	740	—	5,211	—
South Fork	Mission Canyon	1	86	—	1,016	316
South Fork	Red River	3	5,522	4,657	2,260	5,510
Spring Lake	Bakken	1	919	752	—	572
Spring Lake	Red River	2	1,153	832	1,190	922
Spring Lake, South	Red River	1	1,545	1,427	242	2,878
Stampede	Red River	2	3,348	3,539	889	3,997
Stampede, North	Nisku	1	78	222	5,218	—
Stensvad	Tyler	4	851	1,724	5,108	—
Strawberry Creek	Sawtooth	1	1	—	—	—
Sumatra (Non-unit)	Tyler	18	6,504	7,432	5,244	573
Sumatra (Central Sumatra S.U.)	Tyler	18	12,000	12,000	400,000	—
Sumatra (Grebe-Tyler S.U.)	Tyler	1	1,163	1,439	433	193
Sumatra (Kincheloe Wtrfld U.)	Tyler	19	8,507	8,612	23,775	—
Sumatra (N.E. Sumatra S.U.)	Tyler	5	3,000	3,000	40,000	—
Sumatra (Sawyer Wtrfld. Unit)	Tyler	4	467	832	23	—
Sumatra (S.E. Sumatra S.U.)	Tyler	17	6,334	6,131	35,983	—
Sumatra (West Sumatra Unit)	Tyler	10	8,824	8,824	266,961	1,015
Sunnyhill	Madison	3	200	200	2,000	—
Sunnyhill	Red River	2	699	712	4,260	245
Target	Madison	8	13,173	12,854	36,302	4,180
Three Buttes	Gunton, Red River	3	4,111	4,257	3,843	4,863
Tippy Butte	Tyler	1	1,164	1,288	47	328
Tule Creek	Nisku	5	8,009	7,833	67,105	1,035
Tule Creek, East	Nisku	1	759	1,484	24,541	—
Tule Creek, South	Nisku	1	243	431	9,660	313
Two Waters	Red River	1	1,313	1,401	100	1,883
Utopia	Swift	19	4,014	2,810	450	—
Vaux	Interlake	2	6,729	7,186	995	3,371
Vaux	Mission Canyon	12	6,601	6,964	7,022	4,541
Vaux	Red River	7	10,605	11,106	9,924	10,552
Vida	Interlake	1	497	243	3,376	—
Volt	Charles	1	236	261	1,738	—
Volt	Nisku	5	5,630	5,810	43,150	—
Wagon Box	Tyler	1	63	—	1	—
Wagontrail	Red River	1	1,852	1,314	1,474	1,927
Weed Creek	Amsden	1	184	44	11,333	(60)
Weldon	Kibbey	2	1,631	1,728	163,000	—
West Butte	Sunburst	5	560	—	—	1,216
West Fork	Charles	—	—	346	—	—
Whitlash	Sunburst, Swift	82	10,785	7,627	693	9,601
Whitlash, West	Sunburst	2	214	418	—	—

OIL PRODUCERS REPORT — MONTH OF NOVEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Willow Creek, North	Tyler	2	999	780	4,452	—
Willow Ridge	Burwash	4	397	397	—	—
Wills Creek, South	Red River	3	2,186	2,186	6,478	415
Windmill	Red River	1	181	274	367	128
Winnett Junction	Tyler	3	2,951	2,902	23,651	—
Wolf Springs	Amsden	4	757	964	50,162	1,208
Woodrow	Siluro-Ord.	2	800	800	2,000	—
Wrangler	Red River	2	3,534	4,699	4,479	3,940
Wrangler, North	Red River	1	1,047	1,415	794	1,089
Wright Creek	Muddy	3	416	1,207	4,201	837
Yates	Duperow	2	726	1,101	2,292	—
Yates	Red River	1	200	200	500	—
Wildcat, Dawson County		1	2,048	2,048	813	729
Wildcat, Glacier County		3	265	434	—	—
Wildcat, Richland County		9	11,073	10,059	8,259	5,111
Wildcat, Roosevelt County		5	29,163	29,026	8,569	15,579
Wildcat, Sheridan County		4	12,985	13,243	8,147	7,292
Wildcat, Stillwater County		1	99	—	—	—
Wildcat, Teton County		1	114	—	—	—
TOTAL		4,416	2,518,170	2,498,254	11,882,812	1,231,190

NATURAL GAS MARKETED AT 14.73 PSIA AND 60°F.—MONTH OF NOVEMBER, 1982

FIELD	MCF	FIELD	MCF	FIELD	MCF
Alma	1,191	Ethridge Area	10,259	Plevna	4
Amanda	14,667	Ethridge, North	1,408	Police Coulee	1,318
Antelope Coulee	966	Fitzpatrick Lake	13,280	Prairie Dell	44,521
Arch Apex	20,494	Flat Coulee	4,589	Prairie Dell (West)	2,799
Badlands	35,650	Fred & George Creek	2,394	Rapelje	9,284
Battle Creek	215,137	Fresno	9,552	Rattlesnake Coulee	6,728
Bear's Den	1,596	Gold Butte	265	Red Rock Area	11,802
Bell Creek, South	9,393	Golden Dome	34,441	Rocky Boy	5,616
Big Coulee	83,073	Grandview	8,497	Rudyard	21,591
Big Rock	110,077	Gypsy Basin	7,859	Sage Creek	19,943
Bills Coulee	27,184	Hammond	6,591	Sandwich	86
Black Butte	12,558	Hardin	1,351	Sawtooth Mountain	61,732
Black Coulee	17,211	Hardpan	8,623	Shelby	1,547
Blackfoot	31,433	Hardpan Area	7,216	Shelby, Old	14,059
Blackjack	4,374	Havre	5,948	Sherard	2,552
Border	1,295	Haystack Butte	3,860	Sherard Unit	17,540
Bowdoin	505,165	Highview	550	Sherard Area	11,095
Bowdoin Area	45,262	Keith East	24,440	Snoose Coulee	6,803
Bowes	58,503	Keith Area	21,995	Soberup Coulee	183
Brown's Coulee	2,894	Kevin Sunburst	56,031	Spring Coulee	35,039
Brown's Coulee, East	15,172	Kevin Sunburst, Nisku	4,296	Strawberry Creek	992
Buffalo Flat	42,275	Kevin Sunburst, Southwest	29,951	Swanson Creek	98,633
Bullwacker	96,882	Kicking Horse	5,561	Three Mile	6,341
Camp Creek	1,073	Kinyon Coulee	3,487	Tiber	6,321
Canadian Coulee	70	Kinyon Coulee, South	359	Tiger Ridge	683,397
Canadian Coulee, North	31,084	Lake Basin	28,888	Tiger Ridge, North	253
Cedar Creek	105,913	Lake Basin, North	4,598	Trail Creek	6,434
Chain Lakes Area	2,862	Ledger	45,630	Two Forks	30
Chinook, East	3,252	Leroy	79,444	Utopia	6,147
Chip Creek	1,253	Liscom Creek	9,104	Vandalia	11,930
Clark's Fork (South)	3,008	Little Creek Area	481	West Butte	7,964
Coal Coulee	4,825	Little Rock	12,388	West Butte Shallow Gas	1,960
Cut Bank	341,408	Lohman	6,578	Whitlash	32,943
Devon, South	3,504	Marias River	22,991	Whitlash, West	530
Dry Creek	44,472	Middle Butte	3,018	Williams	22,018
Dry Creek, Middle	23,111	Miners Coulee	16,162	Willow Ridge	22,730
Dunkirk	10,492	O'Briens Coulee	24,477		
Dunkirk, North	19,118	Phantom	1,623		
Eagle Springs	5,541	Phantom, West	35,834		
				TOTAL NATURAL GAS	3,700,322

Total natural gas marketed for November, 1981 was 4,530,112 MCF.

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage	Total in Storage
December, 1981	498,268	1,325,536	638,879	2,462,683
March, 1982	570,183	1,283,311	943,071	2,796,565
June, 1982	516,877	1,347,985	570,281	2,435,143
September, 1982	521,603	1,273,667	470,687	2,265,957
October, 1982	507,683	1,225,064	399,412	2,132,159
November, 1982	520,646	1,227,008	460,038	2,207,692

REFINERS MONTHLY REPORT
NOVEMBER, 1982

Company	Beginning Storage	Montana Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Continental Oil Co.	125,018	198,019	275,618	866,836	1,329,741	135,750
Exxon Company	81,109	14,754	1,014,230	141,884	1,172,423	79,554
Farmers Union	153,416	128,339	288,037	705,413	1,078,453	196,752
Flying J Oil	14,185	134,123	—	—	128,520	19,788
Kenco Refining	18,102	110,313	—	—	107,710	20,705
Simmons Refining	7,587	154,532	—	40,980	195,610	7,489
TOTALS	399,417	740,080	1,577,885	1,755,113	4,012,457	460,038

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